

PROJECT DESCRIPTION (MOT PHASE 4)

I. GENERAL:

THIS PHASE OF THE PROJECT INVOLVES THE INSTALLATION OF PROPOSED SIDEWALK, AND CURB AND GUTTER ALONG EASTBOUND MD 175, INCLUDING THE SOUTHWEST QUADRANT OF MD 175 AND 26TH STREET/DISNEY ROAD INTERSECTION.

TRAFFIC SIGNALIZATION WORK DURING THIS PHASE OF THE ROADWAY RECONSTRUCTION WILL ENTAIL REPOSITIONING SIGNAL HEADS TO ALIGN WITH LANE CONFIGURATIONS FOR THIS PHASE OF CONSTRUCTION. A PEDESTRIAN PHASE SHALL ONLY BE PROVIDED FOR THE NORTH AND EAST LEGS OF THE INTERSECTION.

MD 175 (ANNAPOLIS ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION:

THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE, WITH THE MD 175 APPROACHES RUNNING CONCURRENTLY. EXCLUSIVE LEFT-TURN PHASES SHALL BE PROVIDED FOR BOTH APPROACHES OF MD 175. 26TH STREET/DISNEY ROAD SHALL OPERATE IN A SPLIT-PHASED MODE AND A PEDESTRIAN PHASE SHALL BE PROVIDED FOR THE NORTH AND EAST LEGS OF THE INTERSECTION.

AUDIBLE PUSHBUTTON FUNCTION IS AS FOLLOWS:

- When the pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message:

NORTH LEG: "Wait to cross Disney at Annapolis. Wait."
EAST LEG: "Wait to cross Annapolis at Disney and 26th. Wait."
- When the "WALK" phase begins, the pushbutton unit will provide a rapid tick, which will last for the duration of the "WALK" phase.

PROJECT CONTACTS:

MS. KIMBERLY TRAN, ASSISTANT DISTRICT ENGINEER - TRAFFIC
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MR. JOHN S. MAYS, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
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MR. MIKE HUBER, UTILITY ENGINEER
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MR. GUS PAYNE, CONSTRUCTION INSPECTION
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MR. EDWARD RODENHIZER, CHIEF - SIGNAL SHOP
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PHONE: (410) 787-7676

MS. JACQUELINE SCHULTZ - BGE
PHONE: 410-470-8445

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE	QUANTITY	DESCRIPTION
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NO EQUIPMENT SHALL BE SUPPLIED BY THE ADMINISTRATION DURING THIS PHASE OF THE PROJECT.

EQUIPMENT LIST 'B'

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE	QUANTITY	DESCRIPTION
800000	1 LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
860265	7 EA	RELOCATE EXISTING SIGNAL HEAD

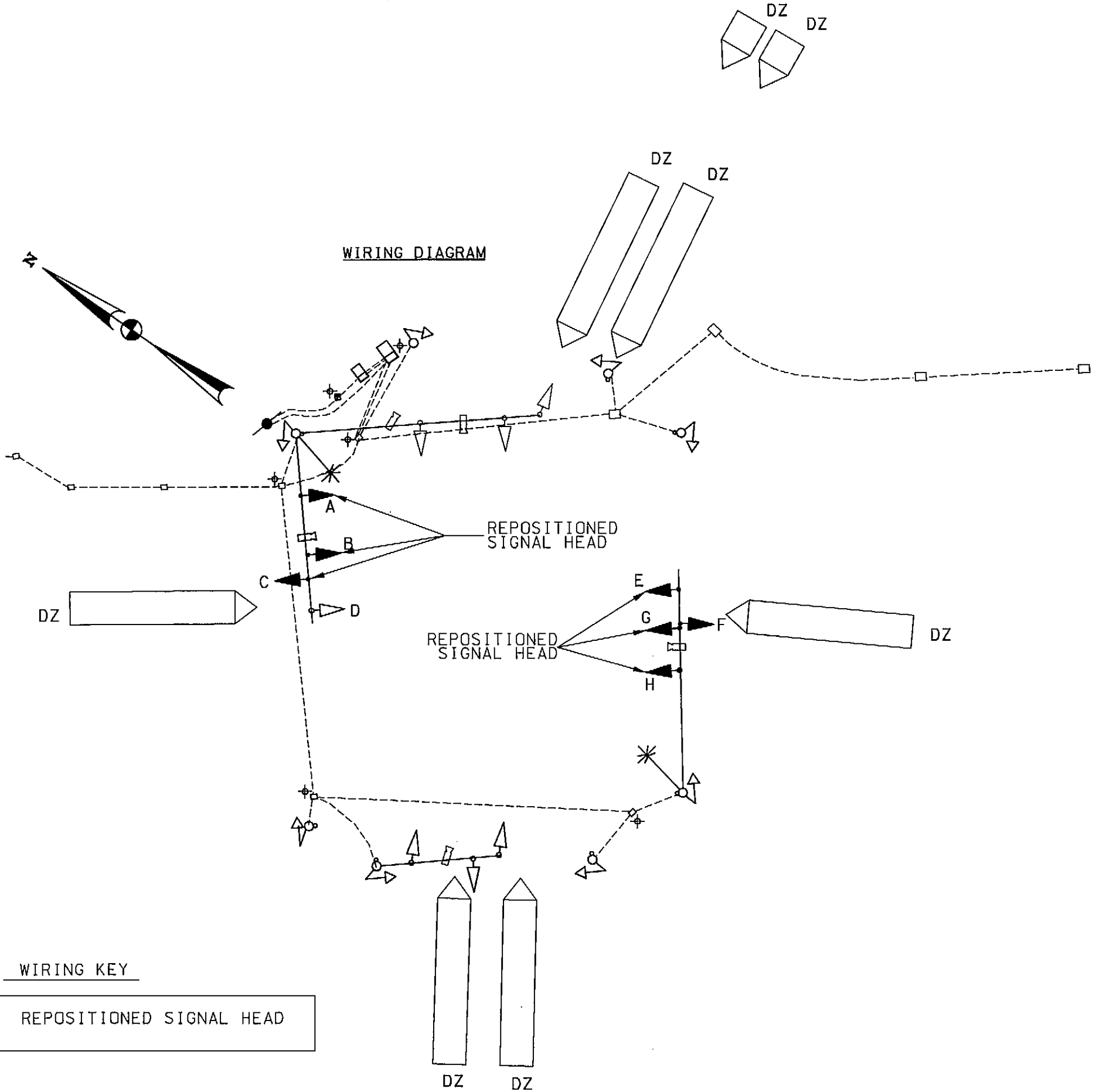
EQUIPMENT LIST 'C'

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINETS. THE CABINETS AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	17	18	19	20	
	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	16"	16"	16"	16"	
Phase 1 & 5	<G-	<G-	R	R	<G-	<G-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	↑
1 & 5 Change	<Y-	<Y-	R	R	<Y-	<Y-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	↓
Phase 2 & 6	<R-	<R-	G	G	<R-	<R-	G	G	R	R	R	R	R	R	WK	WK	DW	DW	←
Ped. Clear	<R-	<R-	G	G	<R-	<R-	G	G	R	R	R	R	R	R	FL/DW	FL/DW	DW	DW	→
2 & 6 Change	<R-	<R-	Y	Y	<R-	<R-	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	→
Phase 3	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW	DW	DW	↑
3 Change	<R-	<R-	R	R	<R-	<R-	R	R	Y	Y	Y	Y	R	R	DW	DW	DW	DW	↓
Phase 4	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	R	<G/G	<G/G	G	DW	DW	DW	↑
4 Change	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	Y	Y	Y	Y	DW	DW	DW	↓
Phase 3 ALT	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW	WK	WK	↑
Ped. Clear	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW	FL/DW	FL/DW	↓
3 ALT Change	<R-	<R-	R	R	<R-	<R-	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	↑
Flashing Operation	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	↑

NOTE: PEDESTRIAN SIGNAL HEADS 15,16,21 & 22 SHALL BE BAGGED AND WILL NOT BE OPERATIONAL DURING THIS PHASE OF CONSTRUCTION.



PHASE 4

CENTURY
ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

REVISION 'D' 23299.36

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 175 (ANNAPOLIS ROAD) AT
26TH STREET /DISNEY ROAD
FORT MEADE, MD

MOT PHASE 4 - GENERAL INFORMATION PLAN

SCALE 1" = 20' DATE OCTOBER 2010 CONTRACT NO. AA680A21

DESIGNED BY ENBMAR COUNTY ANNE ARUNDEL
DRAWN BY ENB LOGMILE 02017507.10
CHECKED BY MAR /NR TMS NO. J-969
F.A.P. NO. ACPLHD-STP-TIP-3617(1)E TOD NO.

TS NO. 1959D4-GI DRAWING SG-20.4 OF 26 SHEET NO. 140 OF 195